RA Bill No I & final. (1)

M. A. R. 57 (Rule 116) **No. B**

Measurement Book

256601

Serial No. BR-434/31-12-14

Name of Work Modified Estimate for Improvements to roads and drains at Balaji layout in ward No. 8 (Change of place Kodigehalli Surroundings)

Name of Contractor or nature of Agency Sri N. M. Shivakumar. Contractor R/o Bangalore

Date of commencement of work Agreement No. EE/BYP/BBMP/E-pmr/40/2014-15 dt 15/7/14

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. ① Earthwork exca by manual means in hard soil involving an average horizontal throw upto 2.00 mts and an average lift upto 0.500 mts for CC road - Kodigehally village	1	30.00	$\frac{3.8+3.7}{2}$	0.10	11.25 Cum	
		1	30.00	$\frac{3.7+3.9}{2}$	0.10	11.40 "	
		1	15.20	$\frac{3.9+4.0}{2}$	0.10	6.00 "	
		1	30.00	$\frac{3.7+3.6}{2}$	0.16	10.95 "	
		1	32.50	$\frac{3.6+3.8}{2}$	0.10	12.03 "	

ive Engineer
napura Division
Zone, B.B.M.P.
lore-560092

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{4.2+4.8}{2}$	0.15	18.45 Cum	
		1	24.90	$\frac{4.0+4.1}{2}$	0.15	15.13	
						85.21 Cum	
	Deduct no. ② & ③ – Not Executed.					Limited to 84.00 Cum	
	Item no. ④ providing and laying in position plain cement					Cum 85.21 @ ₹ 8026.00	
	Concrete of mix M.4.58 with opc						
	cement @ 150 kgs using 40mm aggr.						
	for cc roads - Kalingarayanpalayam	1	30.00	$\frac{3.8+3.7}{2}$	0.15	16.88 Cum	
	village	1	30.00	$\frac{3.7+3.9}{2}$	0.15	17.10 "	
		1	15.20	$\frac{3.9+4.8}{2}$	0.15	9.01 "	

M. A.
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Serial No. .....
Name of Work ..... From..
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
		30.00
		–
		1
		1 –
		1 –

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
4.5	0.15	18.45 Cum	
+4.1	0.15	15.13	
		85.21 Cum	
		Limited to 84.00 Cum	
		@ ₹ 95.21 ₹ 8026.00	
		Cum	
plain cement			
e 1:5:10 kgs using 40 mm ø down			
+3.7	0.15	16.88 Cum	
7+3.9	0.15	17.10 "	
.9+4.6	0.15	9.01 "	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 256602

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		30-00	3.7+3.6 / 2	0.15		16.43 Cum	
		1	32.50	3.6+3.8 / 2	0.15	18.04 Cum	
		1	30.00	4.2+4.0 / 2	0.15	18.45 "	
		1	24.90	4.00+4.1 / 2	0.15	15.13 "	
					Total	111.02 Cum	
					Limited to	116.21 Cum	
		Add 125 % → 4.50 Cum @ ₹ 4504.95/Cum ₹ 20272.00					

C&FC
E.E. (W.S.W)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Above Item 1 & 2 —	105.75	Cum	@ Rs 5088.91	/ Cum		Rs 538152.00
	Item No (5) to (8) — Not Executed —						
					6/10/22		A.E.E.
	Item No (9) providing and laying in position reinforced cement Concrete of design mix M20 with ope Cement @ 320 kg/m³ with down as down legs.						
	for cc road - Kadirgo taluk	1	30.00	$\frac{3.8+3.7}{2}$	0.10	11.25	Cum
	Kadirgo	1	30.00	$\frac{3.7+3.9}{2}$	0.10	11.40	
		1	15.20	$\frac{3.5+4.0}{2}$	0.10	6.00	

M. A. P
Meas

Serial No. .....

Name of Work ..... From...

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
		1
		1
		1
		1
		Qty Exec

NT BOOK

nensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Actual Quty Executed above Est. → 67.29 Cum,						
	CR, 6367.94/4 % R, 428499.00						
	26/10/22						
	Total bill Rs 10,31,719.00						
	[Note:- Item. No. (10) – (17) – Not Executed]						
	Cert. cash work done from Sept to Oct						
	checked & found all items are correct.						
	1). K market Indira Nagar 26/10/22						
	2). Kodigehalli, Yelahanka, BBMP, Bengaluru – 560092						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Improvements to Roads and Drains at	
	75.20 M	
	62.50 M	

MEASUREMENT BOOK

RA Bill do 1st ... M. A. R.

Measu

Serial No. .....

Name of Work Mod. for Estimate for ... From ...

Name of Contractor or nature of Agency ...

Date of commencement of work Agreement No. EE

Date	Full description, etc, of work	Dimensions				Contents	Reference to last measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT - 10317	
						VAT - 41268	
						Roy - 567 lm	
						Cess - 10317 -	
						CGF - 1032 -	
						Roy - 10054 -	
						Total - 138729=00	

Date	Full description, etc, of work	Number
1	2	3
Item no (1)	Earthwork excavn by manual mea... average horizontal throws up to 2 ... for ce road	1
		1
		1
		1
		1
		1
		1